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Sequence Listing could not be accepted due to errors.  
See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=7; day=14; hr=10; min=46; sec=57; ms=170; ]

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\*\*\*\*\*

Reviewer Comments:

<210> 1  
<211> 2827  
<212> RNA  
<213> Homo sapien

<400> 1  
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For SEQ ID # 1 when numeric identifier <212> is "RNA" the sequence cannot contain "t" nucleotide designators.

For SEQ ID # 1 and 2 please change "Homo sapien" to "Homo sapiens."

\*\*\*\*\*

Application No: 10580285 Version No: 1.0

**Input Set:**

**Output Set:**

**Started:** 2008-06-11 16:03:12.549  
**Finished:** 2008-06-11 16:03:14.820  
**Elapsed:** 0 hr(s) 0 min(s) 2 sec(s) 271 ms  
**Total Warnings:** 2  
**Total Errors:** 563  
**No. of SeqIDs Defined:** 3  
**Actual SeqID Count:** 3

Error code	Error Description
W 402	Undefined organism found in <213> in SEQ ID (1)
E 256	't' found in RNA; POS (5) SEQID(1)
E 256	't' found in RNA; POS (11) SEQID(1)
E 256	't' found in RNA; POS (16) SEQID(1)
E 256	't' found in RNA; POS (17) SEQID(1)
E 256	't' found in RNA; POS (23) SEQID(1)
E 256	't' found in RNA; POS (32) SEQID(1)
E 256	't' found in RNA; POS (34) SEQID(1)
E 256	't' found in RNA; POS (39) SEQID(1)
E 256	't' found in RNA; POS (49) SEQID(1)
E 256	't' found in RNA; POS (58) SEQID(1)
E 256	't' found in RNA; POS (69) SEQID(1)
E 256	't' found in RNA; POS (70) SEQID(1)
E 256	't' found in RNA; POS (71) SEQID(1)
E 256	't' found in RNA; POS (78) SEQID(1)
E 256	't' found in RNA; POS (80) SEQID(1)
E 256	't' found in RNA; POS (82) SEQID(1)
E 256	't' found in RNA; POS (83) SEQID(1)
E 256	't' found in RNA; POS (92) SEQID(1)
E 256	't' found in RNA; POS (101) SEQID(1)

**Input Set:**

**Output Set:**

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**Finished:** 2008-06-11 16:03:14.820  
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**No. of SeqIDs Defined:** 3  
**Actual SeqID Count:** 3

Error code	Error Description
E 256	't' found in RNA; POS (104) SEQID(1) This error has occurred more than 20 times, will not be displayed
W 402	Undefined organism found in <213> in SEQ ID (2)

SEQUENCE LISTING

<110> Merck & Co., Inc.  
Chen, Fang

<120> Method for identifying androgen receptor  
modulators with full or mixed agonist activity

<130> 21506YP

<140> 10580285  
<141> 2008-06-11

<150> PCT/US2004/038859  
<151> 2004-11-19

<150> US 60/524,455  
<151> 2003-11-24

<160> 3

<170> FastSEQ for Windows Version 4.0

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<211> 2827  
<212> RNA  
<213> Homo sapien

<400> 1  
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<212> PRT

<213> Homo sapien

<400> 2

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Gln	Glu	Thr	Ser	Pro	Arg	Gln	Gln								
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Pro	Thr	Gly	Tyr	Leu	Val	Leu	Asp	Glu	Glu	Gln	Gln	Pro	Ser	Gln	Pro
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Gln	Ser	Ala	Leu	Glu	Cys	His	Pro	Glu	Arg	Gly	Cys	Val	Pro	Glu	Pro
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Gly	Ala	Ala	Val	Ala	Ala	Ser	Lys	Gly	Leu	Pro	Gln	Gln	Leu	Pro	Ala
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Pro	Pro	Asp	Glu	Asp	Asp	Ser	Ala	Ala	Pro	Ser	Thr	Leu	Ser	Leu	Leu
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							165		170			175			
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							180		185			190			
Glu	Ala	Val	Ser	Glu	Gly	Ser	Ser	Gly	Arg	Ala	Arg	Glu	Ala	Ser	
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Phe Lys Gly Gly Tyr Thr Lys Gly Leu Glu Gly Glu Ser Leu Gly Cys  
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Thr Leu Ser Leu Tyr Lys Ser Gly Ala Leu Asp Glu Ala Ala Ala Tyr  
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Gln Ser Arg Asp Tyr Tyr Asn Phe Pro Leu Ala Leu Ala Gly Pro Pro  
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Pro Leu Asp Tyr Gly Ser Ala Trp Ala Ala Ala Ala Gln Cys Arg  
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Tyr Gly Asp Leu Ala Ser Leu His Gly Ala Gly Ala Ala Gly Pro Gly  
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Ser Gly Ser Pro Ser Ala Ala Ala Ser Ser Ser Trp His Thr Leu Phe  
420                    425                    430  
Thr Ala Glu Glu Gly Gln Leu Tyr Gly Pro Cys Gly Gly Gly Gly  
435                    440                    445  
Gly Gly Gly Gly Gly Gly Gly Gly Gly Glu Ala Gly Ala Val  
450                    455                    460  
Ala Pro Tyr Gly Tyr Thr Arg Pro Pro Gln Gly Leu Ala Gly Gln Glu  
465                    470                    475                    480  
Ser Asp Phe Thr Ala Pro Asp Val Trp Tyr Pro Gly Gly Met Val Ser  
485                    490                    495  
Arg Val Pro Tyr Pro Ser Pro Thr Cys Val Lys Ser Glu Met Gly Pro  
500                    505                    510  
Trp Met Asp Ser Tyr Ser Gly Pro Tyr Gly Asp Met Arg Leu Glu Thr  
515                    520                    525  
Ala Arg Asp His Val Leu Pro Ile Asp Tyr Tyr Phe Pro Pro Gln Lys  
530                    535                    540  
Thr Cys Leu Ile Cys Gly Asp Glu Ala Ser Gly Cys His Tyr Gly Ala  
545                    550                    555                    560  
Leu Thr Cys Gly Ser Cys Lys Val Phe Phe Lys Arg Ala Ala Glu Gly  
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Lys Gln Lys Tyr Leu Cys Ala Ser Arg Asn Asp Cys Thr Ile Asp Lys  
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Phe Arg Arg Lys Asn Cys Pro Ser Cys Arg Leu Arg Lys Cys Tyr Glu  
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Ala Gly Met Thr Leu Gly Ala Arg Lys Leu Lys Lys Leu Gly Asn Leu  
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Glu Thr Thr Gln Lys Leu Thr Val Ser His Ile Glu Gly Tyr Glu Cys  
645                    650                    655  
Gln Pro Ile Phe Leu Asn Val Leu Glu Ala Ile Glu Pro Gly Val Val  
660                    665                    670

Cys Ala Gly His Asp Asn Asn Gln Pro Asp Ser Phe Ala Ala Leu Leu  
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 Trp Ala Lys Ala Leu Pro Gly Leu Arg Asn Leu His Val Asp Asp Gln  
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       740                    745                    750  
 Pro Asp Leu Val Phe Asn Glu Tyr Arg Met His Lys Ser Arg Met Tyr  
       755                    760                    765  
 Ser Gln Cys Val Arg Met Arg His Leu Ser Gln Glu Phe Gly Trp Leu  
       770                    775                    780  
 Gln Ile Thr Pro Gln Glu Phe Leu Cys Met Lys Ala Met Leu Leu Phe  
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 Ser Ile Ile Pro Val Asp Gly Leu Lys Asn Gln Lys Phe Phe Asp Glu  
       805                    810                    815  
 Leu Arg Met Asn Tyr Ile Lys Glu Leu Asp Arg Ile Ile Ala Cys Lys  
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 Arg Lys Asn Pro Thr Ser Cys Ser Arg Arg Phe Tyr Gln Leu Thr Lys  
       835                    840                    845  
 Leu Leu Asp Ser Val His Pro Ile Ala Arg Glu Leu His Gln Phe Thr  
       850                    855                    860  
 Phe Asp Leu Leu Ile Lys Ser His Met Val Ser Val Asp Phe Pro Glu  
       865                    870                    875                    880  
 Met Met Ala Glu Ile Ile Ser Val Gln Val Pro Lys Ile Leu Ser Gly  
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 Lys Val Lys Pro Ile Tyr Phe His Thr Gln  
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 <213> Macaca mulatta

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 Val Ile Gln Asn Pro Gly Pro Arg His Pro Glu Ala Ala Ser Ala Ala  
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 Pro Pro Gly Ala Ser Leu Gln Gln Gln Gln Gln Gln Gln Glu Thr  
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 Ser Pro Arg Gln Gln Gln Gln Gln Gly Glu Asp Gly Ser Pro  
   65                    70                    75                    80  
 Gln Ala His Arg Arg Gly Pro Thr Gly Tyr Leu Val Leu Asp Glu Glu  
   85                    90                    95  
 Gln Gln Pro Ser Gln Pro Gln Ser Ala Pro Glu Cys His Pro Glu Arg  
   100                    105                    110  
 Gly Cys Val Pro Glu Pro Gly Ala Ala Val Ala Ala Gly Lys Gly Leu  
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   130                    135                    140  
 Ser Thr Leu Ser Leu Leu Gly Pro Thr Phe Pro Gly Leu Ser Ser Cys

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Leu Gln Gln Gln Gln Glu Ala Val Ser Glu Gly Ser Ser Ser Gly  
            180                    185                    190  
Arg Ala Arg Glu Ala Ser Gly Ala Pro Thr Ser Ser Lys Asp Asn Tyr  
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Leu Glu Gly Thr Ser Thr Ile Ser Asp Ser Ala Lys Glu Leu Cys Lys  
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Ala Val Ser Val Ser Met Gly Leu Gly Val Glu Ala Leu Glu His Leu  
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Gly Val Pro Pro Ala Val Arg Pro Thr Pro Cys Ala Pro Leu Ala Glu  
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Cys Lys Gly Ser Leu Leu Asp Asp Ser Ala Gly Lys Ser Thr Glu Asp  
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Thr Ala Glu Tyr Ser Pro Phe Lys Gly Gly Tyr Thr Lys Gly Leu Glu  
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Ser Trp His Thr Leu Phe Thr Ala Glu Glu Gly Gln Leu Tyr Gly Pro  
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Cys Gly Ala Gly  
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Leu Ala Gly Gln Glu Gly Asp Phe Thr Ala Pro Asp Val Trp Tyr Pro  
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Phe Pro Pro Gln Lys Thr Cys Leu Ile Cys Gly Asp Glu Ala Ser Gly  
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Cys His Tyr Gly Ala Leu Thr Cys Gly Ser Cys Lys Val Phe Phe Lys  
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Arg Ala Ala Glu Gly Lys Gln Lys Tyr Leu Cys Ala Ser Arg Asn Asp  
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625 630 635 640  
Glu Gly Tyr Glu Cys Gln Pro Ile Phe Leu Asn Val Leu Glu Ala Ile  
645 650 655  
Glu Pro Gly Val Val Cys Ala Gly His Asp Asn Asn Gln Pro Asp Ser  
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Phe Ala Ala Leu Leu Ser Ser Leu Asn Glu Leu Gly Glu Arg Gln Leu  
675 680 685  
Val His Val Val Lys Trp Ala Lys Ala Leu Pro Gly Phe Arg Asn Leu  
690 695 700  
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740 745 750  
Lys Ser Arg Met Tyr Ser Gln Cys Val Arg Met Arg His Leu Ser Gln  
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